

# MATERIAL SAFETY DATA SHEET

FOR COATINGS, RESINS AND RELATED MATERIALS

Approved by U.S. Department of Labor essentially similar to Form OSHA-20

Date of prep 04-14-86



SDMS DocID 548850

## SECTION I

MANUFACTURER'S NAME: UNION INK COMPANY, INC.  
 ADDRESS: 453 BROAD AVENUE  
 Ridgefield, N.J. 07657  
 Superfund Records Center  
 SITE: Well 6+H  
 BREAK: 11.9  
 OTHER: 548850  
 EMERGENCY TELEPHONE: 201-945-5766  
 INFORMATION TELEPHONE: 201-945-5766  
 PRODUCT CLASS: ACRYLIC SCREEN INK  
 (WITH LEAD-BASED PIGMENTS)  
 TRADE NAME: FABRIC PATCH COLORS  
 MANUFACTURERS CODE IDENTIFICATION  
 PACH-2000L, PACH-2010L, PACH-2020L  
 PACH-2150L, PACH-3005L, PACH-6000L  
 PACH-6020L, PACH-7030L, ETC.

## SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	TLV		LEL	VAPOR
	ppm	mg/M3		PRESSURE
				(mmHg)
ESTER	N.A.		.8	.01
KETONE	50		1.1	2
KETONE	5		.8	(1
METHOXYPROPANOL, ACETATE	N.A.			
XYLBENZENE	100			
HYDROCARBON SOLVENT	300			
LEAD CHROMATE PIGMENTS	CAS# 18454-12-1	0-20%	.05	
(In paste form - not airborne)			(airborne)	

## SECTION III - PHYSICAL DATA

BOILING RANGE: 284-340°F. VAPOR DENSITY: X HEAVIER LIGHTER THAN AIR  
 EVAPORATION RATE: FASTER X SLOWER THAN ETHER PERCENT VOLATILE BY VOLUME: 38 WEIGHT PER GALLON: 9-11 LBS.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: COMBUSTIBLE LIQUID FLASH POINT: 101. F LEL: 0.9

### EXTINGUISHING MEDIA:

Use water fog-spray, carbon dioxide, dry chemicals, alcohol-type or universal-type foams applied by recommended techniques.

### UNUSUAL FIRE AND EXPLOSION HAZARDS:

None

### SPECIAL FIRE FIGHTING PROCEDURES:

Use self contained breathing apparatus and protective clothing.

While Union Ink believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which Union Ink assumes legal responsibility. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Union Ink, it is the user's obligation to determine the conditions of safe use of the product.

UK = UNKNOWN

N.E. = NOT ESTABLISHED

N.A. = NOT APPLICABLE

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## SECTION V - HEALTH HAZARD DATA

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THRESHOLD LIMIT VALUE: (SEE SECTION II)

### EFFECTS OF OVEREXPOSURE

Breathing vapors in high concentrations may cause headache, nausea, dizziness, vomiting, stupor, mild depression or loss of consciousness. From eye contact, irritation or burns; skin contact, dermatological effects.

### EMERGENCY AND FIRST AID PROCEDURES

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Flush eyes with plenty of water for at least 15 minutes. CALL A PHYSICIAN. Wash affected skin areas with water. Remove contaminated clothing. If swallowed, do not induce vomiting.

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## SECTION VI - REACTIVITY DATA

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STABILITY: UNSTABLE ☒ STABLE CONDITIONS TO AVOID: Heat, sparks, open flame  
INCOMPATIBILITY (Materials to avoid): Strong acids, alkalis, oxidizing agents  
HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce CO and/or CO2

HAZARDOUS POLYMERIZATION: MAY OCCUR ☒ WILL NOT OCCUR  
CONDITIONS TO AVOID: None

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## SECTION VII - SPILL OR LEAK PROCEDURES

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### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear suitable protective equipment. Small spills could be flushed with large amounts of water. Large spills should be collected for disposal.

### WASTE DISPOSAL METHOD:

Incinerate in a furnace where permitted under appropriate Federal, State, and local regulations.

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## SECTION VIII - SPECIAL PROTECTION INFORMATION

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### RESPIRATORY PROTECTION:

Self contained or air supplied breathing apparatus in high concentrations.

### VENTILATION:

Mechanical exhaust (general) is acceptable.  
Local exhaust is preferable to keep below TLV in work areas.

PROTECTIVE GLOVES: Use solvent resistant gloves such as neoprene or BUNA-N

EYE PROTECTION: Safety Glasses, goggles, or face shields.

OTHER PROTECTIVE EQUIPMENT: Eye bath, safety shower, aprons.

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## SECTION IX - SPECIAL PRECAUTIONS

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### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

WARNING! COMBUSTIBLE

HARMFUL IF INHALED

LIQUID MAY CAUSE EYE AND SKIN IRRITATION

KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME

USE ONLY WITH ADEQUATE VENTILATION

AVOID PROLONGED BREATHING OF VAPOR  
OR CONTACT WITH SKIN

KEEP CONTAINER CLOSED

WASH HANDS THOROUGHLY AFTER USING

### OTHER PRECAUTIONS:

FOR INDUSTRIAL USE ONLY  
KEEP OUT OF THE REACH OF CHILDREN